

A8L - 2016 FLUID CAPACITY CHART 30 July 2015

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Auto Trans	Final Drives	Cooling System	Brake System	A/C System	Windshield & Headlight Fluid
A8L Quattro (4HL5RA)	3.0L TDI 240 hp (CPNB) 6.4L (6.8 qt) <u>Audi Oil Spec**:</u> VW 507 00 Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	8-Spd Tiptronic (0BK) <u>New Fill:</u> 8.6L (9.1qt) <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt) <u>Oil PN</u> G 060 162 A2* Transfer Case w/separate oiling 1.0L (1.1 qt) <u>Oil PN</u> G 055 145 A2* Transfer Case common oiling with Front F/Drive 2.0L (2.1 qt) <u>Oil PN</u> G 055 145 A2*	Front F/Drive w/ separate oiling <u>New Fill:</u> 1.1L (1.2qt) <u>Refill:</u> 0.9L (1.0 qt) <u>Oil PN</u> G 052 145 S2*	12.0L (12.6 qt)***	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</u> Use only R134a <u>Single Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz) <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz) <u>Refrigerant Oil</u> Use a PAG oil with R134a <u>Oil Capacity</u> 130 cc ± 10 cc (4.4± 0.3 fl. oz.) <u>Oil Part No.</u> G 052 154 A2*	5.0 L (5.29 qt) <u>Fluid PN</u> G 052 164*
			Rear F/Drive (0BF) 0.9L (1.0qt) <u>Oil PN</u> G 052 145 S2* Hydraulic Control Unit 0.85L (0.9 qt) <u>Oil PN</u> G 052 515 A2*	<u>AdBlue® Tank</u> 24.0L (6.3 gal)**** <u>ISO Standard</u> 22241-1 Only fill with filling device VAS6542 & holding device SET740.			

For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in Elsa.

*** Oil and fluid part numbers are for reference only. Always check with your Parts Department for the latest part information.**

**** Refer to Technical Bulletin 2010043 for engine oils that meet this Audi oil standard.**

***** Audi Coolant Additive Specification and Part Number:** (color is pink) **G 13** (TL-VW 774 J). **Dilute with Distilled Water.**

****** Part Numbers for AdBlue® Reducing Agent:** **0.5 gal (1.89 L) G 052 910 A2 for warranty repairs, 2.5 gal (10.0L) GUS 052 910 A3 for maintenance services.**

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Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Auto Trans	Final Drives	Cooling System	Brake System	A/C System	Windshield & Headlight Fluid
A8/A8L quattro 4HL54A	3.0L TFSI 333 hp (CREC) 6.8L (7.2 qt) <u>Audi Oil Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	8-Spd Tiptronic (0BK) <u>New Fill:</u> 8.6L (9.1qt) <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt) <u>Oil PN</u> G 060 162 A2*	Front F/Drive w/ separate oiling <u>New Fill:</u> 1.1L (1.2qt) <u>Refill:</u> 0.9L (1.0 qt) <u>Oil PN</u> G 052 145 S2*	15.0L (15.9 qt)**	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703	<u>Refrigerant</u> Use only R134a <u>Single Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz) <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz)	5.0 L (5.29 qt) <u>Fluid PN</u> G 052 164*
A8/A8L Quattro 4HL53A	4.0L 450 hp (CTGF) 8.7L (9.2 qt) <u>Audi Oil Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	<u>Oil PN</u> G 055 145 A2* Transfer Case w/separate oiling 1.0L (1.1 qt) <u>Oil PN</u> G 055 145 A2* Transfer Case common oiling with Front F/Drive 2.0L (2.1 qt) <u>Oil PN</u> G 055 145 A2*	Rear F/Drive (0BF) 0.9L (1.0qt) <u>Oil PN</u> G 052 145 S2* Hydraulic Control Unit 0.85L (0.9 qt) <u>Oil PN</u> G 052 515 A2*		<u>Fluid PN</u> B 000 750*	<u>Refrigerant Oil</u> Use a PAG oil with R134a <u>Oil Capacity</u> 130 cc ± 10 cc (4.4± 0.3 fl. oz.) <u>Oil Part No.</u> G 052 154 A2*	

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*** Audi Coolant Additive Specification and Part Number: (color is pink) **G 13** (TL-VW 774 J). **Dilute with Distilled Water.**

A8/ A8L - 2016 FLUID CAPACITY CHART 30 July 2015

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Auto Trans	Final Drives	Cooling System	Brake System	A/C System	Windshield & Headlight Fluid
A8L quattro 4HL5GA (LWB)	6.3L W12 500 hp (CTNA) 11.2L (11.8 qt) <u>Audi Oil Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40 Funnels or aftermarket speed filling devices are not allowed when filling the engine with oil	8-Spd Tiptronic (0BK) <u>New Fill:</u> 8.6L (9.1qt) <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt) <u>Oil PN</u> G 060 162 A2* Transfer Case w/separate oiling 1.0L (1.1 qt) <u>Oil PN</u> G 055 145 A2* Transfer Case common oiling with Front F/Drive 2.0L (2.1 qt) <u>Oil PN</u> G 055 145 A2*	Front F/Drive w/ separate oiling <u>New Fill:</u> 1.1L (1.2qt) <u>Refill:</u> 0.9L (1.0 qt) <u>Oil PN</u> G 052 145 S2* Rear F/Drive (0BF) 0.9L (1.0qt) <u>Oil PN</u> G 052 145 S2* Hydraulic Control Unit 0.85L (0.9 qt) <u>Oil PN</u> G 052 515 A2*	15.0L (15.9 qt)***	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid Specification:</u> Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</u> Use only R134a <u>Single Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz) <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz) <u>Refrigerant Oil</u> Use a PAG oil with R134a <u>Oil Capacity</u> 130 cc ± 10 cc (4.4± 0.3 fl. oz.) <u>Oil Part No.</u> G 052 154 A2*	5.0 L (5.29 qt) <u>Fluid PN</u> G 052 164*

For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in Elsa.

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*** Audi Coolant Additive Specification and Part Number: (color is pink) **G 13** (TL-VW 774 J). **Dilute with Distilled Water.**

S8 - 2016 FLUID CAPACITY CHART 30 July 2015

Vehicle (Sales Code)	Engine Oil approx. qty. w/filter change	Auto Trans	Final Drives	Cooling System	Brake System	A/C System	Windshield & Headlight Fluid
S8 quattro (4HC5SA)	4.0L TFSI 520 hp (CTFA) 8.7L (9.2 qt) <u>Audi Oil Spec:</u> VW 502 00** Use synthetic oil SAE 5W-40, SAE 5W-30 or SAE 0W-40	8-Spd Tiptronic (0BK) <u>New Fill:</u> 8.6L (9.1qt) <u>Refill:</u> 3.6-4.0L (3.8-4.2 qt) <u>Oil PN</u> G 060 162 A2* Transfer Case w/separate oiling 1.0L (1.1 qt) <u>Oil PN</u> G 055 145 A2* Transfer Case common oiling with Front F/Drive 2.0L (2.1 qt) <u>Oil PN</u> G 055 145 A2*	Front F/Drive w/ separate oiling <u>New Fill:</u> 1.1L (1.2qt) <u>Refill:</u> 0.9L (1.0 qt) <u>Oil PN</u> G 052 145 S2* Rear F/Drive (0BF) 0.9L (1.0qt) <u>Oil PN</u> G 052 145 S2* Hydraulic Control Unit 0.85L (0.9 qt) <u>Oil PN</u> G 052 515 A2*	15.0L (15.9 qt)**	1.0 L (1.1qt) (approximately) <u>VW Brake Fluid</u> <u>Specification:</u> Use new fluid only. FMVSS 116 DOT 4 or SAE J 1703 <u>Fluid PN</u> B 000 750*	<u>Refrigerant</u> Use only R134a <u>Single Evaporator:</u> 780± 20g (27.5 oz ± 0.7 oz) <u>Dual Evaporator:</u> 930 ± 20g (32.8 oz ± 0.7 oz) <u>Refrigerant Oil</u> Use a PAG oil with R134a <u>Oil Capacity</u> 130 cc ± 10 cc (4.4± 0.3 fl. oz.) <u>Oil Part No.</u> G 052 154 A2*	5.0 L (5.29 qt) <u>Fluid PN</u> G 052 164*

For proper fluid level and filling information, see the Repair Manual and/or Maintenance Manual in Elsa.

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